

**RAW SEQUENCE LISTING
PATENT APPLICATION US/08/170,344**

DATE: 09/01/94
TIME: 16:31:51

INPUT SET: S8471.raw

This Raw Listing contains the General Information Section and up to the first 5 pages.

1 SEQUENCE LISTING

2
3 (1) General Information:

5 (i) APPLICANT:

6 (A) NAME: KAST, Wybe, Martin

7 (B) STREET: Maria Rutgersweg 106

8 (C) CITY: Leiden

9 (D) STATE: Zuid-Holland

10 (E) COUNTRY: the Netherlands

11 (F) POSTAL CODE (ZIP): 2331 NX

12

13 (A) NAME: MELIEF, Cornelis, Joseph, Maria

14 (B) STREET: Johan Vermeerstraat 15

15 (C) CITY: Heemstede

16 (D) STATE: Zuid-Holland

17 (E) COUNTRY: the Netherlands

18 (F) POSTAL CODE (ZIP): 2102 BT

19

20 (A) NAME: SETTE, Alessandro, D.

21 (B) STREET: 5551 Linda Rosa Avenue

22 (C) CITY: La Jolla

23 (D) STATE: California

24 (E) COUNTRY: United States of America

25 (F) POSTAL CODE (ZIP): 92307

27 (A) NAME: SIDNEY, John, C.
28 (B) STREET: 8541 D Villa La Jolla Drive
29 (C) CITY: La Jolla
30 (D) STATE: California
31 (E) COUNTRY: United States of America
32 (F) POSTAL CODE (ZIP): 92307

(ii) TITLE OF INVENTION: Peptides of human papilloma virus for use in human T-cell response inducing compositions

(iii) NUMBER OF SEQUENCES: 80

38
39 (iv) CORRESPONDENCE ADDRESS:
40 (A) ADDRESSEE: COOPER &
41 (B) STREET: 30 Rockefel
42 (C) CITY: New York
43 (D) STATE: New York
44 (E) COUNTRY: USA
45 (F) ZIP: 10112
46

**RAW SEQUENCE LISTING
PATENT APPLICATION US/08/170,344**DATE: 09/01/94
TIME: 16:31:56**INPUT SET: S8471.raw**

47 (v) COMPUTER READABLE FORM:
48 (A) MEDIUM TYPE: Floppy disk
49 (B) COMPUTER: IBM PC compatible
50 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
51 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30B (EPO)
52
53 (vi) CURRENT APPLICATION INFORMATION:
54 (A) APPLICATION NUMBER: 08/170,344
55 (B) FILING DATE: 30-MAR-1994
56 (C) CLASSIFICATION:
57
58 (vii) PRIOR APPLICATION DATA:
59 (A) APPLICATION NUMBER: PCT/NL93/00093
60 (B) FILING DATE: 04-MAY-1993
61
62 (vii) PRIOR APPLICATION DATA:
63 (A) APPLICATION NUMBER: EP 92201252.1
64 (B) FILING DATE: 05-MAY-1992
65
66 (vii) PRIOR APPLICATION DATA:
67 (A) APPLICATION NUMBER: EP 92203870.8
68 (B) FILING DATE: 10-DEC-1992
69
70
71 (vii) PRIOR APPLICATION DATA:
72 (A) APPLICATION NUMBER: EP 93200243.9
73 (B) FILING DATE: 01-FEB-1993
74
75 (vii) PRIOR APPLICATION DATA:
76 (A) APPLICATION NUMBER: EP 93200621.6
77 (B) FILING DATE: 05-MAR-1993
78
79 (viii) ATTORNEY/AGENT INFORMATION:
80 (A) Moran, Thomas F.
81 (B) REGISTRATION NUMBER: 16,579
82 (C) REFERENCE/DOCKET NUMBER: 2805/45113
83
84 (ix) TELECOMMUNICATION INFORMATION:
85 (A) TELEPHONE: (212) 977-9550
86 (B) TELEFAX: (212) 977-9809
87 (C) TELEX: 422523 COOP UI
88
89
90 (2) INFORMATION FOR SEQ ID NO: 1:
91
92 (i) SEQUENCE CHARACTERISTICS:
93 (A) LENGTH: 9 amino acids
94 (B) TYPE: amino acid
95 (C) STRANDEDNESS: unknown
96 (D) TOPOLOGY: unknown
97
98 (ii) MOLECULE TYPE: peptide
99

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/170,344DATE: 09/01/94
TIME: 16:31:59

INPUT SET: S8471.raw

100 (iii) HYPOTHETICAL: NO
101
102 (iv) ANTI-SENSE: NO
103
104
105
106
107 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
108
109 Ala Met Phe Gln Asp Pro Gln Glu Arg
110 1 5
111
112 (2) INFORMATION FOR SEQ ID NO: 2:
113
114 (i) SEQUENCE CHARACTERISTICS:
115 (A) LENGTH: 9 amino acids
116 (B) TYPE: amino acid
117 (C) STRANDEDNESS: unknown
118 (D) TOPOLOGY: unknown
119
120 (ii) MOLECULE TYPE: peptide
121
122 (iii) HYPOTHETICAL: NO
123
124 (iv) ANTI-SENSE: NO
125
126
127
128
129 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
130
131 Lys Leu Pro Gln Leu Cys Thr Glu Leu
132 1 5
133
134 (2) INFORMATION FOR SEQ ID NO: 3:
135 (i) SEQUENCE CHARACTERISTICS:
136 (A) LENGTH: 9 amino acids
137 (B) TYPE: amino acid
138 (C) STRANDEDNESS: unknown
139 (D) TOPOLOGY: unknown
140
141 (ii) MOLECULE TYPE: peptide
142
143 (iii) HYPOTHETICAL: NO
144
145 (iv) ANTI-SENSE: NO
146
147
148
149
150 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
151
152 Gln Leu Cys Thr Glu Leu Gln Thr Thr

**RAW SEQUENCE LISTING
PATENT APPLICATION US/08/170,344**DATE: 09/01/94
TIME: 16:32:02**INPUT SET: S8471.raw**

153 1 5
154
155 (2) INFORMATION FOR SEQ ID NO: 4:
156
157 (i) SEQUENCE CHARACTERISTICS:
158 (A) LENGTH: 9 amino acids
159 (B) TYPE: amino acid
160 (C) STRANDEDNESS: unknown
161 (D) TOPOLOGY: unknown
162
163 (ii) MOLECULE TYPE: peptide
164
165 (iii) HYPOTHETICAL: NO
166
167 (iv) ANTI-SENSE: NO
168
169
170
171
172 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
173
174 Leu Cys Thr Glu Leu Gln Thr Thr Ile
175 1 5
176
177 (2) INFORMATION FOR SEQ ID NO: 5:
178
179 (i) SEQUENCE CHARACTERISTICS:
180 (A) LENGTH: 9 amino acids
181 (B) TYPE: amino acid
182 (C) STRANDEDNESS: unknown
183 (D) TOPOLOGY: unknown
184
185 (ii) MOLECULE TYPE: peptide
186
187 (iii) HYPOTHETICAL: NO
188
189 (iv) ANTI-SENSE: NO
190
191
192
193
194 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
195
196 Glu Leu Gln Thr Thr Ile His Asp Ile
197 1 5
198
199 (2) INFORMATION FOR SEQ ID NO: 6:
200
201 (i) SEQUENCE CHARACTERISTICS:
202 (A) LENGTH: 9 amino acids
203 (B) TYPE: amino acid
204 (C) STRANDEDNESS: unknown
205 (D) TOPOLOGY: unknown

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/170,344DATE: 09/01/94
TIME: 16:32:06

INPUT SET: S8471.raw

206
207 (ii) MOLECULE TYPE: peptide
208
209 (iii) HYPOTHETICAL: NO
210
211 (iv) ANTI-SENSE: NO
212
213
214
215
216 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
217
218 Leu Gln Thr Thr Ile His Asp Ile Ile
219 1 5
220
221 (2) INFORMATION FOR SEQ ID NO: 7:
222
223 (i) SEQUENCE CHARACTERISTICS:
224 (A) LENGTH: 9 amino acids
225 (B) TYPE: amino acid
226 (C) STRANDEDNESS: unknown
227 (D) TOPOLOGY: unknown
228
229 (ii) MOLECULE TYPE: peptide
230
231 (iii) HYPOTHETICAL: NO
232
233 (iv) ANTI-SENSE: NO
234
235
236
237
238 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
239
240 Thr Ile His Asp Ile Ile Leu Glu Cys
241 1 5
242
243 (2) INFORMATION FOR SEQ ID NO: 8:
244
245 (i) SEQUENCE CHARACTERISTICS:
246 (A) LENGTH: 9 amino acids
247 (B) TYPE: amino acid
248 (C) STRANDEDNESS: unknown
249 (D) TOPOLOGY: unknown
250
251 (ii) MOLECULE TYPE: peptide
252
253 (iii) HYPOTHETICAL: NO
254
255 (iv) ANTI-SENSE: NO
256
257
258

**SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/08/170,344**DATE: 09/01/94
TIME: 16:32:09**INPUT SET: S8471.raw**

Line	Error	Original Text
5	Mandatory Value Not Present	(i) APPLICANT:
6	Unknown or Misplaced Identifier	(A) NAME: KAST, Wybe, Martin
7	Unknown or Misplaced Identifier	(B) STREET: Maria Rutgersweg 106
8	Unknown or Misplaced Identifier	(C) CITY: Leiden
9	Unknown or Misplaced Identifier	(D) STATE: Zuid-Holland
10	Unknown or Misplaced Identifier	(E) COUNTRY: the Netherlands
11	Unknown or Misplaced Identifier	(F) POSTAL CODE (ZIP): 2331 NX
13	Unknown or Misplaced Identifier	(A) NAME: MELIEF, Cornelis, Joseph, Maria
14	Unknown or Misplaced Identifier	(B) STREET: Johan Vermeerstraat 15
15	Unknown or Misplaced Identifier	(C) CITY: Heemstede
16	Unknown or Misplaced Identifier	(D) STATE: Zuid-Holland
17	Unknown or Misplaced Identifier	(E) COUNTRY: the Netherlands
18	Unknown or Misplaced Identifier	(F) POSTAL CODE (ZIP): 2102 BT
20	Unknown or Misplaced Identifier	(A) NAME: SETTE, Alessandro, D.
21	Unknown or Misplaced Identifier	(B) STREET: 5551 Linda Rosa Avenue
22	Unknown or Misplaced Identifier	(C) CITY: La Jolla
23	Unknown or Misplaced Identifier	(D) STATE: California
24	Unknown or Misplaced Identifier	(E) COUNTRY: United States of America
25	Unknown or Misplaced Identifier	(F) POSTAL CODE (ZIP): 92307
27	Unknown or Misplaced Identifier	(A) NAME: SIDNEY, John, C.
28	Unknown or Misplaced Identifier	(B) STREET: 8541 D Villa La Jolla Drive
29	Unknown or Misplaced Identifier	(C) CITY: La Jolla
30	Unknown or Misplaced Identifier	(D) STATE: California
31	Unknown or Misplaced Identifier	(E) COUNTRY: United States of America
32	Unknown or Misplaced Identifier	(F) POSTAL CODE (ZIP): 92307
80	Unknown or Misplaced Identifier	(A) Moran, Thomas F.